

10 March 1965

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Dear Ray,

1. This note documents our phone conversations of last week and will perhaps clear up any questions left hanging on the vacuum hose connection.

2. As to the latter topic, we had specified a serrated connection having a 1/8-inch American Standard Pipe Thread which determines the other dimensions of the connection and would probably require a hose of about $\frac{1}{4}$ -inch internal diameter. However, we can easily adapt the pump connection to whatever connection is provided with the viewer.

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3. I will check into [redacted] schedule next week when I am in the vicinity.

4. The color scheme sounds fine.

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5. About specifying the technique for measuring [redacted] second trial -- the crossed gratings: Dick asks that you detail the derivation of your formulae and then perhaps he will have a clearer view of what you're attempting to do. I also suggest that when [redacted] has the second set of gratings fabricated, they be requested to make the spectral measurements on a single grating, as they have previously done, and then convert those measurements to the crossed grating circumstance where the weaknesses are liable to be multiplied.

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Meanwhile we will take it upon ourselves to devise our own method for evaluating the gratings and will advise you of our results.

Best regards,
Robin

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